

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number
WO 2005/053348 A2

(51) International Patent Classification⁷: **H04Q 7/38**

(21) International Application Number:
PCT/SE2004/001633

(22) International Filing Date:
12 November 2004 (12.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0303210-9 27 November 2003 (27.11.2003) SE

(71) Applicant (for all designated States except US): **SMART-TRUST AB** [SE/SE]; Box 47154, S-100 74 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WENNBERG, Martin** [SE/SE]; Stavgårdsgatan 43, S-167 56 Bromma (SE). **SVENSSON, Britt-Mari** [SE/SE]; Lillierväg 49, S-192 74 Sollentuna (SE). **THORSTENSSON, Tommy** [SE/SE]; Svartviksslingan 12, S-167 38 Bromma (SE).

(74) Agent: **SÖDERMAN, Pälvi**; SmartTrust Systems Oy, P.O. Box 119, FIN-00511 Helsinki (FI).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

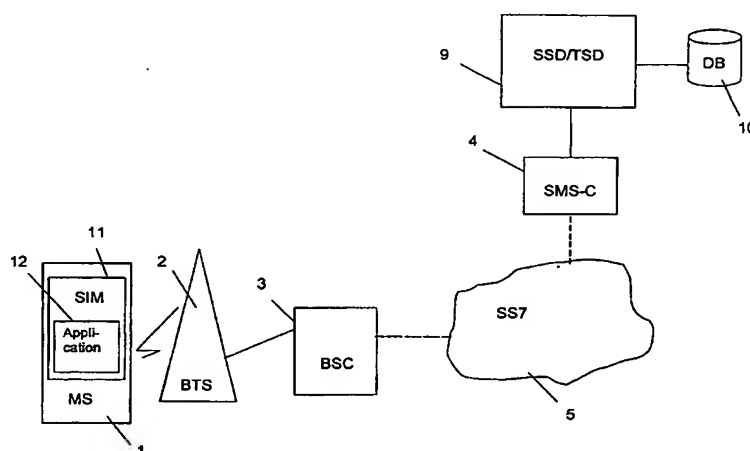
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND NETWORK FOR DETECTION OF DEVICE INFORMATION OF MOBILE STATIONS



(57) Abstract: The mobile telecommunication network of the invention is used for detection of device information, such as subscriber information and equipment information. The network comprises a mobile station with subscriber information, a base station subsystem, and a network subsystem. The network of the invention is characterized by means for detecting device information from signals sent from the mobile station, a detector for handling the detected information, and a repository for storing device information. The method of the invention is characterized by detection of device information of a mobile station that attaches to the network. The detected device information is compared with the device information stored in the network and stored if it does not correspond to the information previously stored in the network.

WO 2005/053348 A2